

Product datasheet

Native Streptavidin protein (beta-galactosidase) ab136226

Overview

Product name	Native Streptavidin protein (beta-galactosidase)
Protein length	Full length protein

Description

Nature	Native
Source	Native
Amino Acid Sequence	
Accession	P22629
Molecular weight	60 kDa
Conjugation	beta-galactosidase

Specifications

Our [Abpromise guarantee](#) covers the use of **ab136226** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot Flow Cytometry
Purity	> 90 % SDS-PAGE.
Form	Liquid
Additional notes	ab136226 binds D-Biotin.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Preservative: 0.1% Sodium azide Constituents: 49% PBS, 50% Glycerol
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General Info

Relevance	Streptavidin is a tetrameric protein purified from <i>Streptomyces</i> sp. that binds very tightly to the vitamin biotin with a K_d of $\sim 10^{-14}$ mol/l. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits.
Cellular localization	Cytoplasmic

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